SUBJECT INDEX

Abrasion resistance, p. 42
Adhesives
  acrylic, p. 290
  applications, p. 33
  automotive, p. 224
  carpet, p. 143
  dry systems, p. 224
  environmentally friendly, pp. 33, 224
  film, p. 224
  foam converting, p. 224
  hot melt, p. 219
  laminating, p. 33
  mechanism, p. 317
  multilayer, p. 224
  netlike structure, p. 224
  solvent-based, p. 33
  solvent free, p. 33
  strength, p. 317
  technical textile, p. 224
  thermoplastic powder, p. 219
  water-based, p. 33
  web, p. 224
Afterburning technology, p. 92
Aqueous dispersions, pp. 213, 308
Architectural structures, p. 188
ATH, p. 143
Bellow expansion joints, p. 308
Black-out, p. 290
Breathable fabrics, p. 71
  comfort factor, p. 71
  hydrostatic resistance, p. 71
  moisture vapor transmission, p. 71
  tape sealability, p. 71
  wet abrasion resistance, p. 71
Calcium sulfate, p. 143
Carpet adhesive, p. 143
Coated fabrics, pp. 26, 75, 188, 317
  applications, p. 75
  fabric substrate, p. 317
  PVC, pp. 188, 317
  substrate wettability, p. 317
Coating
  adhesion, p. 317
  blade, p. 26
  breathable, p. 71
  discreet powder, p. 219
  dot, p. 213
  fusible interlining, pp. 213, 219
  hydrophilic, p. 71
  inorganic, p. 42
  legislation, p. 135
  microporous, p. 71
  paste dot, p. 213
  plastisol, p. 178
  polymer, pp. 135, 317
  powder, p. 219
  PVC, pp. 178, 317
  technology, p. 188
  textile, p. 135
  worldwide standards, p. 135
Colloid, p. 42
Conveyor belts, p. 308
Dot coating, p. 213
Dref-3 spinning system, p. 10
Dryer exhaust, p. 54
Electrostatic flocking, p. 290
Emulsion polymer coatings, p. 135
Environmental damage, pp. 26, 54
Exhaust air cleaning, p. 92
  afterburning technology, p. 92
  condensation, p. 92
  cost, p. 92
  emission standards, p. 92
  filters, p. 92

SUBJECT INDEX

Abrasion resistance, p. 42
Adhesives
  acrylic, p. 290
  applications, p. 33
  automotive, p. 224
  carpet, p. 143
  dry systems, p. 224
  environmentally friendly, pp. 33, 224
  film, p. 224
  foam converting, p. 224
  hot melt, p. 219
  laminating, p. 33
  mechanism, p. 317
  multilayer, p. 224
  netlike structure, p. 224
  solvent-based, p. 33
  solvent free, p. 33
  strength, p. 317
  technical textile, p. 224
  thermoplastic powder, p. 219
  water-based, p. 33
  web, p. 224
Afterburning technology, p. 92
Aqueous dispersions, pp. 213, 308
Architectural structures, p. 188
ATH, p. 143
Bellow expansion joints, p. 308
Black-out, p. 290
Breathable fabrics, p. 71
  comfort factor, p. 71
  hydrostatic resistance, p. 71
  moisture vapor transmission, p. 71
  tape sealability, p. 71
  wet abrasion resistance, p. 71
Calcium sulfate, p. 143
Carpet adhesive, p. 143
Coated fabrics, pp. 26, 75, 188, 317
  applications, p. 75
  fabric substrate, p. 317
  PVC, pp. 188, 317
  substrate wettability, p. 317
Coating
  adhesion, p. 317
  blade, p. 26
  breathable, p. 71
  discreet powder, p. 219
  dot, p. 213
  fusible interlining, pp. 213, 219
  hydrophilic, p. 71
  inorganic, p. 42
  legislation, p. 135
  microporous, p. 71
  paste dot, p. 213
  plastisol, p. 178
  polymer, pp. 135, 317
  powder, p. 219
  PVC, pp. 178, 317
  technology, p. 188
  textile, p. 135
  worldwide standards, p. 135
Colloid, p. 42
Conveyor belts, p. 308
Dot coating, p. 213
Dref-3 spinning system, p. 10
Dryer exhaust, p. 54
Electrostatic flocking, p. 290
Emulsion polymer coatings, p. 135
Environmental damage, pp. 26, 54
Exhaust air cleaning, p. 92
  afterburning technology, p. 92
  condensation, p. 92
  cost, p. 92
  emission standards, p. 92
  filters, p. 92

- NO_x emissions, p. 92
- pollutant balances, p. 92
- scrubbers/washers, p. 92
- SPARAL® afterburning, p. 92
- special waste treatment, p. 92

Extrusion coating design, p. 114

Fabric
- breathable, p. 71
- cellulosic, p. 161
- cellulosic/polyester, p. 161
- coated, p. 26
- flame retardant, p. 234
- laminated, p. 26
- para-aramid, p. 10
- PET, p. 188
- substrate, p. 317
- textile, p. 188
- upholstery, p. 234

Fiber films
- absorption ranges, p. 10
- sputtering, p. 10
- two-layer, p. 10

Fiberglass, p. 42

Filter media, p. 279
- bonding, p. 279
- coating, p. 279
- finishing, p. 279
- impregnating, p. 279
- laminating, p. 279

Finishing lacquers, p. 178
- application techniques, p. 178
- aqueous systems, p. 178
- coagulation, p. 178
- hydrophobic surfaces, p. 178

Fire retardant fillers, p. 143

Flame retardants, pp. 161, 234
- antimony oxide, p. 161
- application of, p. 234
- brominated organics, p. 161
- cellulosic fabric, p. 161
- chlorinated paraffin/antimony oxide, p. 161
- decabromodiphenyl oxide/antimony oxide, p. 161
- durable finishes, p. 161
- dyeing techniques, p. 234
- non-durable finishes, p. 161
- Pyrovatex® CP, p. 161
- THPC or THP with ammonia, p. 161

Flammability tests, p. 161

Flammable materials, p. 234

Flash curing, p. 263

Fusible interlining coating, pp. 213, 219

Grab/green strength, p. 33

Gypsum, p. 143

Heat resistance, pp. 33, 42

Heat sealing, p. 219

High aspect ratio, p. 42

Hot melt polymer coatings, pp. 135, 213, 219

Hydrolysis, p. 150

Isothermic foam coagulation, p. 268

Lamination, fabric/foam, p. 219

Lint loss, p. 263

Mechanical foaming, p. 290

NO_x emissions, p. 92

Paraffins
- chlorinated, p. 161
- flame retardants, p. 161
- water-based dispersions, p. 161

Paste dot coating, p. 213

Pattern shearing, p. 290

Photo-oxidative degradation, p. 10

Pilling, p. 263

Plasticiser, pp. 26, 178, 213

Polyols, crosslinked, p. 263

Polyurethane dispersions, p. 268

Powder polymer coatings, pp. 135, 219

Print bonding, p. 213

Rheology, p. 33

Safety clothing, p. 42

SBR latex, p. 143

Screen coating process, p. 213

Smoke emission control, p. 135

Solvent
- evaporation, p. 26

(continued)

Subject Index (continued)
Solvent *(continued)*
exhaust, p. 26
incineration, p. 26
Synthetic leather, p. 268
Textiles
coatings, pp. 135, 308
fabrics, p. 188
finishes, p. 161
glass-fiber, p. 308
printing, p. 298
technical, p. 42
Thermoplastic polyurethane (TPU), p. 150
Thermoplastic powder adhesives, p. 219
Thermoplastic synthetics, p. 213
UV stability, p. 150
Vermiculite dispersions, p. 42
Water-borne systems, p. 298
crosslinking, p. 298
films, p. 298
pigment, p. 298
radiation-curable, p. 298
UV-induced polymerization, p. 298
viscosity, p. 298
Water discharge, p. 54
Water resistance, p. 150
Zero discharge, p. 54

AUTHOR INDEX

Brentin, R. P., p. 150
Bruno, J. S., p. 263
Conway, R., p. 26
Dartman, T., p. 317
Fikkert, J., p. 268
Gillette, S. M., p. 75
Godfrey, P. A., p. 33
Goosens, F., p. 279
Hemmrich, H.-J., pp. 178, 268
Horvat, S. G., p. 161
Judd, P. T., p. 219
Konrad, S., p. 10
Krishnan, S., p. 71
Lindekens, L., p. 298
Loutz, J. M., p. 298
Mewes, H., p. 188
Mischutin, V., p. 234
Müller, J., p. 308
Oertel, R. W., p. 150
Ou, C. C., p. 42
Peeters, S., p. 298
Peltier, G., p. 224
Pickering, D. G., p. 42
Piffer, L., p. 114
Poterala, R. J., p. 54
Ruegge, F., p. 92
Schmits, J., p. 213
Schuster, D., p. 10
Shishoo, R., p. 317
van den Berg, M., p. 268
Vigo, T. L., p. 263
Westbrook, C. E., III, p. 143
Wilkinson, L., p. 135
Woodruff, F. A., p. 290